

Sample DOS Shell scripts to create/run QEMU image

In order to run QEMU Image on Windows, DOS Shell scripts are useful which helps doing the necessary things easily.

List of content

- [Example 1. Creating CentOS 7 image in qcow2 on Windows](#)
- [Example 2. Run CentOS 7 image without displaying nothing on Windows](#)

Example 1. Creating CentOS 7 image in qcow2 on Windows

create_centos7_vm.bat

```
@echo off
if exist centos7.img (
    echo Image already exists on your current directory
    pause
) else (
    "C:\Program Files\qemu\qemu-img.exe" create -f qcow2 centos7.img 1024G
    "C:\Program Files\qemu\qemu-system-x86_64.exe" -m 8G -smp cores=2,threads=2 -cdrom CentOS-7-x86_64-Everything-1908.iso -hda centos7.img
    pause
)
```

Example 2. Run CentOS 7 image without displaying nothing on Windows

run_centos7_with_no_display.bat

```
@echo off
echo RAM 8G / 2 cores x 2 threads
echo SSH 20022, HTTP 80
"C:\Program Files\qemu\qemu-system-x86_64.exe" -m 8G -smp cores=2,threads=2 -hda centos7.img -device e1000,netdev=user.0 -netdev user,id=user.0,hostfwd=tcp::80-:80,hostfwd=tcp::20022-:22 -display none
```